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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Our Ref: 1038-729 MIS:as

In re patent application

No.

08/931,721

Applicant:

Barbara Papadopoulou et al

Title:

MACROPHAGE-INFECTING PARASITES  
EXPRESSING A GRANULOCYTE MACROPHAGE  
COLONY STIMULATING FACTOR

Filed:

September 16, 1997

Group No.

1645

Examiner:

K. Masood

May 20, 1999

**AMENDMENT**

**BY COURIER**

The Commissioner of Patents  
and Trademarks,  
Washington, D.C. 20231,  
U.S.A.

Dear Sir:

In response to the Office Action of November 24, 1998, please amend  
this application in the following manner:

In the Claims:

Cancel claims 2, 8, and 11 to 20.

Amend claims 1, 3, 5, 5 and 7 as follows:

a<sup>1</sup> 1. (Amended) A macrophage infecting parasite which is a strain of *Leishmania* and which is transformed by a plasmid containing [expressing] a granulocyte macrophage colony stimulating factor (GM-CSF) gene and which parasite expresses GM-CSF.

a<sup>2</sup> 3. (Amended) The parasite of claim 1 [2] wherein said strain of *Leishmania* is selected from the group consisting of *Leishmania donovani*, *Leishmania braziliensis*, *Leishmania tarentolae*, *Leishmania major*, *Leishmania mexicana*, *Leishmania tropica* and *Leishmania aethiopica*.

a<sup>3</sup> 5. (Amended) The parasite of claim 1 [2] wherein said GM-CSF gene is of murine origin.

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